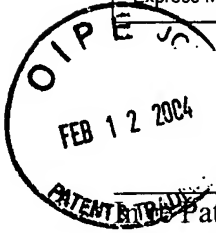


02-17-04

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Docket No.: 20046/0200498-USO  
(PATENT)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Application of:  
Eugen Unger et al.

Application No.: 10/712,767

Confirmation No.:

Filed: November 12, 2003

Art Unit: N/A

For: PROCESS FOR PRODUCING A  
NANOELEMENT ARRANGEMENT, AND  
NANOELEMENT ARRANGEMENT

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date (37 CFR 1.97(b)(1)).

A copy of each document on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed documents.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: February 12, 2004

Respectfully submitted,

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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/712,767
				Filing Date	November 12, 2003
				First Named Inventor	Eugen Unger
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	20046/0200498-USO

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Harris, Peter; "Carbon Nanotubes and Related Structures - New Materials for the Twenty-first Century"; Cambridge University Press, (1999), pages 1-15, 111-155.	
	CB	Li, J. et al; "Nanoelectronics: Growing Y-junction carbon nanotubes"; Nature 402, pages 253-254 (1999).	
	CC	Cheung, C. et al; "Diameter-Controlled Synthesis of Carbon Nanotubes"; J. Phys. Chem. B. (2002), 106, pages 2429-2433.	
	CD	Murray, C.B. et al; "Monodisperse 3d Transition-Metal (Co, Ni, Fe) Nanoparticles and Their Assembly into Nanoparticle Superlattices"; MRS Bulletin, December 2001, pages 985-991.	
	CE	Cao, A. et al; "Carbon nanotube dendrites: Availability and their growth model"; Materials Research Bulletin, 36, (2001), pages 2519-2523.	
	CF	Sun, L.F. et al; "Growth of Carbon nanofibers array under magnetic force by chemical vapor deposition"; Chemical Physics Letters 336, (2001), pages 392-396.	
	CG	Zhu, Hongwei et al; "Growth mechanism of Y-junction carbon nanotubes"; Diamond and Related Materials 11, (2002), pages 1349-1352.	
	CH	Gan, B. et al; "Y-junction carbon nanotubes grown by in situ evaporated copper catalyst"; Chemical Physics Letters 333 (2001), pages 23-28.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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Application No. (if known): 10/712,767

Attorney Docket No.: 20046/0200498-USO

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